

**APPENDIX C - Capital Improvement Projects**

Capital improvement project funding may not be used for any purpose other than as described in this appendix. The total amount appropriated for a project may be used for the work phases provided in the project description. A budget amendment shall be requested if the total amount appropriated will be insufficient to complete all work phases set forth in the project description or if the project description does not clearly represent the work to be performed.

<b>CBS NO.</b>	<b>PROJECT TITLE/DESCRIPTION</b>	<b>APPROPRIATION</b>
	<b>Department of Environmental Management</b>	
	<b>1. Countywide</b>	
CBS-3182	<b>a. Environmental Compliance System Design and Construction</b>	500,000
	Design and construct to address environmental compliance and operational improvements at all County Solid Waste Management facilities in alignment with State and Federal requirements.	
CBS-3565	<b>b. Integrated Solid Waste Management Plan Update</b>	200,000
	Update the existing Integrated Solid Waste Management Plan (ISWMP) completed in 2009 to align with regulatory goals for solid waste handling.	
CBS-1119	<b>c. Countywide Environmental Protection Agency (EPA) Compliance Wastewater Reclamation Facility Renovation Projects</b>	1,500,000
	Design, construct, renovate, and upgrade equipment at Wastewater Reclamation Facilities as required by the 20-Year Rehabilitation & Replacement Plan developed under a Consent Decree. Projects for FY 2020 shall include: Wailuku-Kahului Injection Well piping rehabilitation, Kahului/Lahaina/Kihei disk filter installation, construction of Wailuku WWPS (Wailuku Wastewater Plant System) electrical upgrade, hauler discharge manhole improvements, Kihei pond liner rehabilitation design, and Kuau pump station piping rehabilitation. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
CBS-1128	<b>d. Countywide Wastewater System Modifications</b>	1,000,000
	Support wastewater projects as required where construction and design bids exceed the designated funding appropriations for capital improvement projects already approved. Quarterly reports on progress shall be submitted to Council.	
CBS-1132	<b>e. Countywide Environmental Protection Agency (EPA) Compliance Projects</b>	500,000
	Design and construct sewer line improvements, based on the current CCTV (closed-circuit television) project and in accordance with a Consent Decree, including CCTV of existing lines, obtaining current wet and dry weather flow data to update the hydraulic model, and additional assessments as required.	
	<b>2. Hana Community Plan Area</b>	
CBS-5504	<b>a. Hana Landfill Office Trailer and PV Expansion</b>	25,000
	Engineering design for a modular office-bathroom-breakroom with expanded photovoltaic system and battery backup system to provide power. As part of the design, explore the cost difference between a 20-foot versus a 40-foot trailer.	
	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-3563	<b>a. Kihei No. 3 Force Main Replacement</b>	480,000
	Design the replacement of a 2,040-foot, 12-inch diameter ductile iron pipe force main within South Kihei Road between Ka'ono'ulu Street and Ho'onani Street with a new 4,600-foot force main to discharge on Liloa Drive.	
CBS-5028	<b>b. Kihei Wastewater Pump Station No. 9 Modification/Upgrade</b>	200,000
	Design and construct upgrades (pumps, motors, generators) and required modifications (building, piping, electrical) to the existing pump station.	
CBS-5029	<b>c. Kihei In Plant/Effluent Pump Station Upgrades</b>	750,000
	Upgrade both the Kihei In Plant Lift Station No. 2 and the Effluent (R-1 water) Pump Station, including replacement of pumps, piping, and access hatch of the plant lift station, effluent pumps, and their control equipment for the R-1 distribution system and renovation of various in plant valve vaults.	
CBS-XXXX	<b>d. Kihei-Makena Sewer Expansion</b>	7,500,000

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*Committee Chair*

	Design, plan, and construct the expansion of the sewage facility in the Kihei-Makena area.	
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	<b>4. Molokai Community Plan Area</b>	
CBS-5497	<b>a. Molokai Landfill Scalehouse Replacement and Traffic Optimization</b>	200,000
	Design and study for a new scalehouse office and scale to improve ingress and egress to the facility.	
	<b>5. Paia-Haiku Community Plan Area</b>	
CBS-1183	<b>a. Kuau No. 3 Force Main Replacement</b>	630,000
	Replacement of 830-foot-long, six-inch-diameter ductile iron pipe force main located along Hana Highway. Department shall make best efforts not to impede traffic into the Paia area. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
CBS-1184	<b>b. Kuau No. 4 Force Main Replacement</b>	540,000
	Replacement of 677-foot-long, eight-inch-diameter ductile iron pipe force main located along Hana Highway. Department shall make best efforts not to impede traffic into the Paia area. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
	<b>6. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-XXXX	<b>a. Upcountry Sewer System Upgrades</b>	1,000,000
	Sewer system upgrades and conversions from cesspools for the Upcountry area.	
	<b>7. Wailuku-Kahului Community Plan Area</b>	
CBS-3577	<b>a. CML Storage Facility/Infrastructure</b>	300,000
	Design and construct a heavy equipment storage facility and maintenance work area at the Central Maui Landfill.	
CBS-5493	<b>b. CML Customer Drop-Off Area Improvements</b>	100,000
	Design a customer waste drop-off service bay area and related improvements, including expansion of the wind barrier wall system at the Central Maui Landfill.	
CBS-5502	<b>c. Central Maui Landfill Entrance Facility Traffic Improvements</b>	50,000
	Design, construct, and renovate the facility entrance to include additional land to provide segregated lanes for residential, commercial, and greenwaste customers.	
CBS-5494	<b>d. CML Extension of Primary Litter Screen and Drainage Improvements</b>	500,000
	Design and construct extension of 50-foot tall litter screen along Pulehu Road property line to service the new Phase VB Extension disposal cell.	
CBS-5495	<b>e. CML Phase VB Extension Leachate Recirculation System</b>	650,000
	Design and construct infrastructure to expand recirculation of leachate into the Phase VB Extension waste mass.	
CBS-5019	<b>f. Central Maui Landfill Expansion</b>	12,500,000
	Design, permit, and construct expansion of Phase III of the Central Maui Landfill facility.	
CBS-1131	<b>g. Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation</b>	4,000,000
	Construct, rehabilitate, or replace major gravity sewer lines that have reached the end of their useful life or have been found to be damaged or in disrepair via video investigation or other means, including construction of Iao Valley Line, Mokuahau Line, Kaa Manhole Rehabilitation, and other required replacements.	
CBS-1171	<b>h. Wailuku-Kahului Recycled Water Force Main</b>	500,000
	Design and construct recycled water force main that will transport water from the Wailuku-Kahului WWRF to the Central Maui/Waikapu area for irrigation use or disposal in SAT (Soil Aquifer Treatment) basins in order to eliminate injection well use.	
CBS-4587	<b>i. Wailuku-Kahului WWRF Facility Plan</b>	400,000
	Evaluate existing treatment components and investigate alternatives, additions, and retrofits for expansion to accommodate future growth. Provide a summary of existing facilities, a future anticipated flow study, alternatives, recommendations, proposed upgrade schedules, and construction cost estimates.	

CBS-5033	<b>j. Wailuku-Kahului Soil Aquifer Treatment (SAT) Basins</b>	1,350,000
	Construct SAT basins and supporting infrastructure on former sugarcane fields to be used for treated effluent disposal.	

CBS-5034	<b>k. Wailuku-Kahului Recycled Water Pump Station</b>	600,000
	Construct recycled water pump station to pump treated effluent to potential agricultural and other users and convey treated effluent to the County's SAT basins.	
CBS-5547	<b>I. Lower Main Street Sewer Upgrade</b>	2,500,000
	Construct 1,950 lineal feet of 15-inch gravity sewer line parallel to an existing 12-inch line on Lower Main Street between Ainahou Place and Waena Street.	
	<b>7. West Maui Community Plan Area</b>	
CBS-1124	<b>a. West Maui Recycled Water System Expansion</b>	13,500,000
	Acquire land for the design, permitting, and construction of upgrades, modifications, and additions to the West Maui recycled water distribution system following the intent of the five recommended options outlined in the West Maui Recycled Water Verification Study (2012).	
CBS-1179	<b>b. Napili Wastewater Pump Station No. 3 Modifications</b>	400,000
	Design and construct upgrades (pumps, motors, generators) and required modifications (building, piping, electrical) to the existing pump station.	
CBS-3576	<b>c. Lahaina Wastewater Reclamation Facility R-1 Process Expansion</b>	700,000
	Design and construct flow equalization basins, additional filters, ultraviolet disinfection equipment, and new process channels to handle peak flows at the facility.	
CBS-5548	<b>d. Lahaina Wastewater Reclamation Facility Emergency Generator Replacement</b>	200,000
	Design and construct replacement of an emergency generator.	
	<b>Department of Finance</b>	
	<b>1. Countywide</b>	
CBS-1218	<b>a. Countywide Equipment</b>	5,405,000
	Purchase equipment in FY 2020: 1) Department of Environmental Management (Solid Waste Operations) in the amount of \$1,850,000 for one Roll-off Truck (\$285,000), one D-5 Dozer (\$285,000), and one D-8 Dozer (\$950,000) for the Central Maui Landfill; and one 4000-gallon Water truck for the Lanai Landfill; 2) Department of Fire and Public Safety (Fire/Rescue Operations) in the amount of \$2,005,000 for two 1500 GPM Pumper Trucks, one each for Lahaina and Wailuku Fire Stations (\$875,000 each), and one Wildland Fire Apparatus for Wailuku Fire Station (\$255,000); 3) Department of Public Works (Highways) in the amount of \$1,550,000 for one D-8 Dozer for drainage and flood control (\$950,000) in West Maui Highways Division, and one Micro Paver and sled for pavement preservation (\$600,000).	
	<b>Department of Fire and Public Safety</b>	
	<b>1. Countywide</b>	
CBS-1003	<b>a. Countywide Fire Facilities</b>	500,000
	Design, renovate, and rehabilitate Countywide Fire Facilities, including plumbing upgrades, PV systems, storage facility, carport extensions, window replacements, renovations to bathroom and living quarters; and lifeguard tower improvements.	
	<b>2. Wailuku-Kahului Community Plan Area</b>	
CBS-2735	<b>a. Kahului Fire Station Apparatus Shelter</b>	500,000
	Design and construct apparatus shelter at the Kahului Fire Station to protect station equipment currently exposed to the sun and weather.	

	<b>3. Lanai Community Plan Area</b>	
CBS-1005	<b>a. Lanai Fire Station Improvements</b>	1,872,000
	Design and construct an apparatus bay to protect station equipment and expand for storage and living quarters.	
	<b>4. Molokai Community Plan Area</b>	
CBS-4617	<b>a. Pukoo Fire Station Relocation</b>	455,000
	Select new site, plan, and design new Pukoo Fire Station. The current facility is leased from the State Department of Land and Natural Resources, is located near the ocean, and is in need of major renovation or demolition.	
	<b>Department of Management</b>	
	<b>1. Wailuku-Kahului Community Plan Area</b>	
CBS-2324	<b>a. New County Service Center</b>	1,882,411
	Construct new service center at the Maui Business Park Phase II to house the Department of Finance's Motor Vehicle Registration and Licensing and Real Property Assessment divisions, the Department of Housing and Human Concerns, and other County offices.	
	<b>Department of Parks and Recreation</b>	
	<b>1. Countywide</b>	
CBS-1117	<b>a. Countywide Parks Americans with Disabilities Act (ADA) Improvements</b>	500,000
	Complete an ADA transition plan to assist in prioritizing ADA improvements countywide.	
CBS-3232	<b>b. Countywide Park Playground Improvements</b>	500,000
	Replace fall surfacing at Napili Park. Design and permit shade-wind structure and covered picnic tables at One Ali'i Park I. Design and construct shade structure, and repair/replace fall surfacing at Honokowai Park.	
CBS-4581	<b>c. Countywide Parks Facilities</b>	275,000
	Plan, permit, design, construct, renovate, repair, and expand park facilities countywide to accommodate population growth, improve security, and enhance the safety of employees and the public. Quarterly reports on progress shall be submitted to Council.	
CBS-4613	<b>d. Countywide Light Ordinance Compliance</b>	2,500,000
	Plan, design, install, and construct fully shielded outdoor light fixtures at all park facilities, structures, and fields to replace non-compliant existing light fixtures and appurtenances.	
	<b>2. Hana Community Plan Area</b>	
CBS-2350	<b>a. Hana-Keanae-Kailua Parks System</b>	450,000
	Design, permit, and construct parking lot improvements at Hana Community Center Building "F".	
CBS-5530	<b>b. Old Hana School Improvements</b>	350,000
	Design, permit, and construct the renovation of existing buildings housing Department of Parks and Recreation offices and various other agencies and tenants at the Old Hana School. Non-County entities shall pay for use of the facilities in accordance with Chapter 3.40, Maui County Code.	
CBS-1971	<b>c. Helene Hall Improvements</b>	800,000
	Design, permit, and construct improvements to Helene Hall including replacement of windows, resurfacing of floor, painting of interior, acoustic ceiling, replacement of lighting, and other needed improvements.	
CBS-5531	<b>d. Hana Park Tennis &amp; Basketball Courts Reconstruction</b>	120,000
	Design, permit, and reconstruct two existing tennis courts and one basketball court with lights.	
CBS-XXXX	<b>e. ADA access to Hana Ball Park</b>	50,000
	Acquire land (TMKs (2) 1-4-004:014-0000 and (2) 1-4-004:015-0000), plan, and design for ADA access to Hana Ball Park.	

	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-1205	<b>a. Kamaole Point Pavilion</b>	250,000
	Plan, design, and construct a pavilion with a restroom, parking, and landscaping at Kamaole Point.	
CBS-2345	<b>b. South Maui Parks System</b>	375,000
	Construct entry, fencing, and water fountain for a dog park at the Kenolio Recreational facility. Construct tennis court fencing and other improvements at Kalama Park. Construct post, gravel, rail, and gate at Waipuilani Park. Construct playground at Hale Piilani Park.	
	<b>4. Lanai Community Plan Area</b>	
CBS-2347	<b>a. Lanai Parks System</b>	590,000
	Install acrylic resurfacing of tennis courts and fence improvements at Fifth Street Park. Design, permit, and construct batting cage and multipurpose field house. Construct entry, fencing, and water fountain for a dog park at Fraser Avenue Park.	
CBS-XXXX	<b>b. Lanai Youth Center and Skate Park</b>	3,500,000

	Contract new Lanai Youth Center. Design and construct Lanai Skate Park.	
	<b>5. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-1175	<b>a. Kula Park Playground</b>	988,650
	Permit, design, and construct an accessible playground in the Kula community with required accessible routes from the parking lot and restroom, in compliance with ADA requirements.	
CBS-2349	<b>b. Makawao-Pukalani-Kula-Ulupalakua Parks System</b>	175,000
	Design and construct replacement standards, repair root intrusion, and resurface basketball court at the Pukalani Park.	
CBS-3228	<b>c. Hannibal Tavares Community Center Improvements</b>	1,000,000
	Construct improvements to include replacement of deteriorated wood members, structural repairs, asphalt roofing, and gutter replacement. Repaint interior and exterior, including lead paint abatement. Remove and replace VCT (vinyl composition tile) flooring and re-waterproofing of the second-story lanai.	
	<b>6. Molokai Community Plan Area</b>	
CBS-2346	<b>a. Molokai Parks System</b>	275,000
	Design and construct court resurfacing and replacement of standards at the Kualapuu Recreation Center. Structural assessment of the Kaunakakai Gym. Repair One Alii Park restroom.	
	<b>7. Paia-Haiku Community Plan Area</b>	
CBS-2348	<b>a. Paia-Haiku Parks System</b>	260,000
	Resurface outdoor basketball court and replace standards at the Paia Gym. Design and construct new dog park at 4th Marine Division Memorial Park.	
CBS-5056	<b>b. Alfred "Flako" Boteilho, Sr. Gymnasium Improvements</b>	225,000
	Design and construct replacement of existing metal roofing and other related improvements.	
CBS-5534	<b>c. Haiku Park Restroom</b>	510,000
	Design, permit, and construct replacement restroom facility, in compliance with ADA requirements and security measures.	



	<b>8. Wailuku-Kahului Community Plan Area</b>	
CBS-1143	<b>a. Kepaniwai Heritage Gardens Improvements</b>	300,000
	Rehabilitate the pathways, including ADA improvements, in the portion of the park below the existing parking lot and construct other improvements to the Heritage Gardens.	
CBS-1209	<b>b. War Memorial Complex Paving Improvements</b>	2,750,000
	Design and reconstruct parking lot serving the football and baseball stadiums in the War Memorial Complex. Work with Department of Management to ensure the Wailuku Civic Complex project and the War Memorial Complex Paving Improvement Project provide the necessary accommodations for the community.	
CBS-2351	<b>c. Central Maui Parks System</b>	600,000
	Install fire alarm system at the War Memorial Gym and offices. Design and construct site improvements, including grading, drainage, and repair of concrete stairs at the Lihikai School Park. Design and construct rust remediation and repaint structure at Lihikai School Park.	
CBS-1214	<b>d. Central Maui Regional Park</b>	500,000
	Develop and master plan 209-acre property for a regional park in Central Maui. Complete a Cultural Impact Assessment before initiating any grading and grubbing.	
CBS-4583	<b>e. Kanaha Beach Park Master Plan Implementation</b>	250,000
	Conduct environmental assessment and cultural impact assessment, protect Kauna`oa plant varieties, and plan for sea level rise to improve Kanaha Beach Park, as determined through master plan process.	
CBS-2330	<b>f. Waikapu Community Center Basketball Court Improvements</b>	175,000
	Reconstruct basketball court, to include design and replacement of lights at the court.	
CBS-4616	<b>g. War Memorial Gym Building Improvements</b>	250,000
	Design and renovation for: replacement of jalousies throughout the gym and damaged doors and windows; repair of building structural elements and exterior finish; coating of roof surfaces; upgrading of building electrical and visual fire alarm systems; accessibility improvements at restrooms, locker rooms, and doorways; HVAC improvements to meet current code requirements; repair and replace gym wood flooring and other necessary ancillary improvements. Install photovoltaic system.	
CBS-5539	<b>h. War Memorial Football Stadium Rehabilitation</b>	100,000
	Assess condition of facility.	
CBS-3231	<b>i. Waiehu Golf Course Wastewater Improvements</b>	75,000
	Construct grease interceptor for clubhouse restaurant.	
CBS-3209	<b>j. Central Maui Regional Sports Complex Maintenance Operations and Storage Buildings</b>	1,750,000
	Design, permit, and construct maintenance building and storage buildings for equipment, supplies, and materials.	

	<b>9. West Maui Community Plan Area</b>	
CBS-2344	<b>a. West Maui Parks System</b>	500,000
	Construct entry, fencing, and water fountain for a dog park at the Lahaina Recreation Center and Lahaina Aquatic Center. Resurface tennis courts and replace equipment at Napili Park. Coat gym roof at the Lahaina Civic Center. Replace fencing along the highway and at the ballfields for the Lahaina Recreation Center and Lahaina Aquatic Center. Design, permit, and construct rebuilding of the parking lot at D.T. Fleming Beach Park.	
	<b>Department of Police</b>	
	<b>1. Wailuku-Kahului Community Plan Area</b>	
CBS-5535	<b>a. Wailuku Station Improvements</b>	1,610,000
	Resurface parking lot. Replace automated car wash system.	
	<b>2. Molokai Community Plan Area</b>	
CBS-5536	<b>a. Molokai Police Station</b>	1,820,000
	Acquire land, plan, design, and conduct environmental assessment for the construction of a new Molokai police station, located outside of the flood and tsunami evacuation zone at Holomua.	
	<b>Department of Public Works</b>	
	<b>1. Countywide</b>	
CBS-1027	<b>a. Countywide Drainage Improvements</b>	3,000,000
	Design, construct, and implement various drainage improvements to conform to regional drainage master plans, including emergency projects such as stream-gulch repair, sinkholes, design-construction contract supplementation related to drainage, small drainage repair projects under \$100,000, and repair of deteriorated drainlines in Central Maui.	
CBS-1032	<b>b. Countywide Facility Building Improvements</b>	450,000
	Improve County facilities countywide as required to include: elevator upgrade; leak repairs; accessibility upgrades; security improvements; structural repairs; renovations to floor plans; painting; railing repairs; waterline and sewer line improvements and repair; landscape and irrigation improvements and repairs; lighting upgrades; onsite drainage system; concrete repair; structure repair; Building Code compliance; ADA compliance; OSHA compliance; parking lot repair, resurfacing, and improvements; air-conditioning repairs and improvements; installation of new air-conditioning systems; and the following building improvements: 1) installation of anchors and safety railings around the perimeter wall at the rooftop of the Kalana O Maui building to meet Building Code compliance; 2) facilities maintenance study and master planning; 3) 9th floor bathroom renovation, located between the Mayor's office and Managing Director's office; 4) emergency or supplemental funding for projects within the Kalana O Maui building complex; and 5) 8th floor bathroom renovation, located behind the Council Chambers.	
CBS-1023	<b>c. Countywide Road Resurfacing and Pavement Preservation</b>	5,676,267
	Assess pavement condition, in-house/consultant design, and manage construction to implement the Countywide road resurfacing program: \$500,000 shall be for Wailuku/Kahului district resurfacing; \$600,000 shall be for South Maui district resurfacing; \$600,000 shall be for Upcountry district resurfacing; \$500,000 shall be for Paia-Haiku district resurfacing, of which up to \$100,000 shall be for Ulalena Loop resurfacing and paving; \$400,000 shall be for West Maui district resurfacing; \$450,000 shall be for East Maui district resurfacing; \$300,000 shall be for Molokai district resurfacing; \$300,000 shall be for Lanai district resurfacing; \$900,000 shall be for Highways Division pavement preservation; \$1,126,000 shall be for fees, change orders, contract amendments for roadway projects, small roadway projects, and emergency projects.	

CBS-1031	<b>d. Countywide Bridge Improvements</b>	600,000
	Design, construct, manage construction, and acquire land for bridge replacement projects, including emergency projects, supplemental funding of design and construction contracts, and plan review fees. Implement drainage improvements to conform to regional drainage master plans.	
CBS-1035	<b>e. Countywide Traffic Calming Program</b>	420,000
	\$375,000 shall be for installation of traffic calming devices on Makaala Drive, Kokomo Road (Ala Olu Place to Haiku Road), Lower Kula Road (Copp Road, north to Kula Highway), Kealaloe Avenue; and Meha Road. \$45,000 shall be for speed hump applications approved by June 30, 2019 and Makawao Avenue at intersection of Makani Road.	
CBS-1036	<b>f. Countywide Bikeway Improvements</b>	387,208
	Design and construct bicycle facility improvements countywide. Permit, design, and implement improvements as identified by Bike Plan Hawaii and through collaboration with the Central Maui Bicycling League and Pedestrian Plan. \$150,000 shall be for a study to extend scope of the North Shore Greenway Bike Path from Baldwin Park to Hookipa Beach Park.	
CBS-1037	<b>g. Countywide Sidewalk Improvements</b>	745,000
	Design and construct sidewalk improvements including walking routes to schools and increasing public awareness of safety when walking. \$125,000 shall be for Kinipopo Street sidewalk improvements (Oihana Street to Wells Park). \$150,000 shall be for Kaohu Street sidewalk improvements (Market Street to High Street). \$470,000 shall be for Kamehameha Avenue sidewalk improvements (Lono Avenue to Wakea Avenue).	
CBS-1024	<b>h. Countywide Safety Improvements</b>	1,135,000
	Design and construct safety-related roadway operation improvements such as striping, guardrails, signs, shoulder widening and improvements, realignment, street lights, and traffic signals. \$200,000 shall be for improvements at Papa-Laaui intersection. \$370,000 shall be for improvements at Eha-Waena intersection. \$15,000 shall be for intersection lighting at the Mahaolu-Kamehameha intersection. \$150,000 shall be for Kane Street improvements. \$300,000 shall be for safety improvements and needs identified and public requests received, including a guardrail study at Kahakuloa, and flashing crosswalks in West Maui at the following locations: Lower Honoapiilani Road and Times Supermarket/Kaanapali Shores areas, Keawe Street and Kupuohi near Foodland Farms, and at the Walgreens and Lahaina Gateway intersection near Keawe Street and Komo Mai Street.	
CBS-5510	<b>i. Assessment of County of Maui Coastal Roads for Effects of Climate Change, Sea Level Rise, and Shoreline Erosion</b>	140,000
	Develop a prioritized list of shoreline areas requiring mitigation work as a cost-share project with the University of Hawaii.	
CBS-5512	<b>j. Surveying of Molokai and Lanai Roads</b>	100,000
	Conduct topographic and land survey of roads to determine resurfacing projects on Molokai and Lanai.	
	<b>2. Hana Community Plan Area</b>	
CBS-1891	<b>a. Mahalawa Bridge Replacement</b>	1,200,000
	Construct Mahalawa Bridge replacement which is structurally deficient. The historical character and design of the bridge shall be maintained in the replacement.	
CBS-2779	<b>b. Kalepa Rockfall Repairs</b>	350,000
	Design and permit for the replacement of the deteriorated rockfall netting at Kalepa Point in Kipahulu.	
CBS-5043	<b>c. Waikakoi Bridge Replacement</b>	850,000
	Design replacement of Waikakoi bridge which is structurally deficient. The historical character and design of the bridge shall be maintained in the replacement.	
CBS-1046	<b>d. Koukouai Bridge Replacement</b>	2,000,000
	Rehabilitate and construct structurally deficient concrete arch bridge. The historical character and design of the bridge shall be maintained in the replacement.	



CBS-2309	<b>a. North South Collector Road (Namaau Place to Kulanihakoi Street)</b>	1,000,000
	Continue design and processing of environmental documents for the North South Collector Roadway between Namaau Place and Kaonoulu Street. Construction shall include continuation of the Kihei Greenway (multi-use path). Phase IA: Waipuilani Road to Kulanihakoi Street; Phase IB: Kulanihakoi Street to Kaonoulu Street. Acquire rights-of-way.	
CBS-5485	<b>b. South Kihei Road Sidewalk Improvements</b>	1,900,000
	Design and construct approximately 0.6 mile of sidewalk between Piikea Avenue and Kulanihakoi Street.	
CBS-5492	<b>c. Ohukai Road Sidewalk Improvements</b>	600,000
	Construction of approximately 0.3 miles of sidewalk at various locations on Ohukai Road to provide continuous sidewalk between Kaiola Place and South Kihei Road.	
CBS-5515	<b>d. South Kihei Road Pavement Rehabilitation</b>	250,000
	Design and permit pavement resurfacing and reconstruction at South Kihei Road, between Lipoa Street and Auhana Road.	
	<b>4. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-3194	<b>a. Pukalani Terrace Subdivision Pavement Reconstruction</b>	2,000,000
	Reconstruct roadways in the Pukalani Terrace Subdivision to include striping, marking, signage, and safety improvements. Prioritized roads shall include: Eililani Street and Kilani Place, Aliiolani Street, Alalani Street, Keikilani Street, Olulani Street and Lokelani Place, Halaulani Street, Hanalani Street, Ehilani Street, Palalani Street and Ililani Way, Hokulani Street, Aina Lani Drive and Akalani Loop, Kamelani Loop, Leolani Place, Hukilani Place, Ikalani Place, Ualani Place, and Kialalani Circle.	
CBS-5511	<b>b. Iolani Street, Loha Street, and Makani Road Pavement Rehabilitation</b>	400,000
	Resurface and reconstruct Iolani Street, Loha Street, and Makani Road with improvements to include pavement rehabilitation, striping and marking, signage, and safety improvements. Projects shall involve consultant design, construction, construction management, and land acquisition.	
	<b>5. Paia-Haiku Community Plan Area</b>	
CBS-4597	<b>a. Haiku Road Guardrail and Shoulder Improvements</b>	200,000
	Install or replace guardrail sections in three locations on Haiku Road.	
CBS-1066	<b>b. Kaupakalua Road Pavement Reconstruction</b>	2,247,000
	Resurface and reconstruct Kaupakalua Road with improvements to include pavement rehabilitation, striping and marking, signage, and safety improvements. Project shall include consultant design, construction, construction management, and land acquisition.	
	<b>6. Wailuku-Kahului Community Plan Area</b>	
CBS-1916	<b>a. Wakea Avenue and Kamehameha Avenue Intersection Improvements</b>	250,000
	Design intersection improvements based on findings of a Wakea Avenue corridor traffic study.	
CBS-5499	<b>b. Onehee Avenue Improvements</b>	200,000
	Reconstruct Onehee Avenue to accommodate multiple modes and uses including sidewalks, multi-use paths, street parking, landscaping, traffic calming, accessibility improvements, drainage improvements, and resurfacing.	
CBS-5508	<b>c. Wailuku Heights Drainline and Outlet Repair</b>	1,000,000
	Repair an existing drainage system within a Wailuku Heights easement that discharges into an irrigation reservoir below.	

CBS-1018	<b>d. Waiale Road Improvements at Waiinu Road</b>	100,000
	Acquire land for intersection improvements and traffic mitigation to relieve congestion. Project may incorporate roadway and pavement widening, and pedestrian and bike improvements.	
CBS-1919	<b>e. Waiale Road Improvements (Kaohu Street to Waiinu Road)</b>	600,000
	Widen pavement for pedestrian and bike improvements, signage, and striping improvements.	
CBS-5538	<b>f. Central Maui Sub-Area Transportation Study</b>	100,000
	Conduct regional sub-area transportation study for the Central Maui (Wailuku-Kahului) area. The study shall include recommendations for the following: future regional roadways, identification and prioritization of transportation solutions for the Wailuku-Kahului Community Plan Area, development and potential future improvements, and transportation systems budget guidance.	
CBS-5507	<b>g. Certification of Levees and Additional Work for Levee No. 27</b>	380,000
	Design repairs to a concrete boulder fill at an existing levee along the Wailuku River, of which repairs are necessary for the levees to be FEMA-certified.	
CBS-5518	<b>h. Emergency Management Office Renovation</b>	500,000
	Renovate and install new walls, including electrical, air conditioning, lighting, ceiling modifications, and installation of double glass doors in the loading dock area.	
CBS-5517	<b>i. Kalana O Maui 2nd Floor Deck Repair Above Emergency Management Agency</b>	600,000
	Repair concrete deck, including removal of existing 3-inch-thick textured aggregate finish, installation of a waterproofing membrane on top the concrete slab, and replacement of new 3-inch-thick textured concrete finished to match existing.	
CBS-5505	<b>j. Wailuku Baseyard Wash Rack</b>	150,000
	Design and construct a self-contained wash rack facility in the Wailuku Baseyard with an oil-water separator apparatus and high-pressure clean water recovery system.	
CBS-5025	<b>k. Kalana O Maui Fire Sprinkler System, Phase 2</b>	450,000
	Design and install a fire sprinkler system for the 8th floor of the County Building.	
CBS-3579	<b>l. Kalana Pakui Building AC Replacement</b>	600,000
	Replace air conditioning system for the Kalana Pakui building.	
	<b>7. West Maui Community Plan Area</b>	
CBS-2315	<b>a. Napili 4/5 Culvert at Lower Honoapiilani Road</b>	3,910,000
	Repair culvert abutment wall. Extend existing culvert or replace culverts to widen road for pedestrian crossing.	
CBS-5514	<b>b. West Maui Drainline Assessment</b>	500,000
	Clean and access drainage systems for repair or replacement in residential subdivisions throughout West Maui.	
CBS-1040	<b>c. Kahana Nui Bridge Replacement</b>	1,076,000
	Design, plan, and construct the replacement of the concrete bridge structure.	
CBS-2308	<b>d. Papalaua Street Traffic Signal Improvements at Wainee Street</b>	632,000
	Plan and construct upgrade of the traffic signal at Papalaua Street and Wainee Street in Lahaina.	
CBS-5509	<b>e. Lower Honoapiilani Road Erosion at Kaopala Bay</b>	600,000
	Design, permit, and plan shoreline protection and managed retreat options at Lower Honoapiilani Road at Kaopala Bay.	
	<b>Department of Transportation</b>	
	<b>1. Countywide</b>	
CBS-1039	<b>a. Bus Stops and Shelters</b>	200,000

	Design and construct bus stops and shelters to provide safe, comfortable, and convenient transit facilities for the safety of the members of the community using public transportation at the proposed locations: Lower Honoapiilani Road/Sunset Terrace, Lower Honoapiilani Road/Napili Kai, Lower Honoapiilani Road/Honokowai Villa, South Kihei Road/Waipuilani Road (northbound), South Kihei Road/Waipuilani Road (southbound), South Kihei Road/St.Theresa's Church, South Kihei Road/Walaka Street (northbound), and South Kihei Road/Walaka Street (southbound).	
	<b>Department of Water Supply</b>	
	<b>1. Countywide</b>	
CBS-2299	<b>a. Countywide Upgrades and Replacements</b>	7,180,000
	Upgrade and replace the following: infrastructure of water treatment facilities; well motors and pumps; booster pump stations, motors and pumps, and motor control centers; electrical systems; and SCADA systems. Install emergency generators at facilities. Proceed with design and construction of projects funded in prior fiscal year budgets.	
CBS-1075	<b>b. Countywide Facility Improvements</b>	3,320,000
	Construct the following: 1) Improvements at booster pump station sites, 2) Improvements at water treatment plant sites, 3) Improvements at water tank sites, and 4) Improvements needed to address sanitary survey deficiencies issued by the State Department of Health, Safe Drinking Water Branch. Proceed with design and construction of projects funded in prior fiscal year budgets.	
	<b>2. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-1106	<b>a. Pookela Well B (Development Phase)</b>	500,000
	Expand source, transmission, and storage for the Upcountry water system through the development phase of Pookela Well B.	

	<b>3. Wailuku-Kahului Community Plan Area</b>	
CBS-1102	<b>a. Replacement Well for Waiehu Heights Well 1 (Development Phase)</b>	3,000,000
	Expand source, transmission, and storage for Central Maui water system through the development phase of the replacement well for Waiehu Heights Well 1.	
CBS-XXXX	<b>b. Acquisition of Real Property from Wailuku Water Company, LLC</b>	9,500,000
	Land acquisition and related costs for parcels and easements located in Wailuku, Maui from Wailuku Water Company, LLC.	
	<b>4. West Maui Community Plan Area</b>	
CBS-1092	<b>a. West Maui Reliable Capacity</b>	5,650,000
	Expand source, transmission, and storage for West Maui water system through the exploratory phase for Launiupoko Well Nos. 1 and 2 and the development phase for West Maui Well No. 2.	